

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 29 Sep 2021 until 23:59 on Thursday 30 Sep 2021

Forecast Issued on Tuesday 28 Sep 2021 at 15:12

Confidence: High for showery day on Wednesday and becoming increasingly unsettled from Thursday, but low for details of cloud, winds and timing of the various bands of rain.

Headline for Wednesday 29 Sep 2021: Sunny spells with showers, chilly on summits with strong winds.

Mountain weather hazards on Wednesday 29 Sep 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Light rain showers	Light rain showers	Sunny intervals	Clear night
Precipitation probability							
20%	20%	20%	20%	40%	40%	20%	10%

Forecast for Wednesday 29 Sep 2021

Weather: Dry with some clear spells overnight. Occasional showers on Wednesday these mostly confined to western hills, otherwise dry with patchy cloud and sunny intervals. Cloud, mainly above the summits.

Chance of cloud free mountain/hill tops above 600m: Around 60% through the morning, 90% later.

Visibility: Occasional cloud around 600m expected in the west through the morning. Otherwise visibility very good or excellent with, mainly in the west, only brief reductions due to showers.

Forecast for Wednesday 29 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/14 W	9/15 W	11/18 W	16/23 W	18/27 NW	20/30 W	14/21 W	11/19 W	11/18 SW
300	5/14 W	6/16 NW	7/17 W	11/23 NW	14/28 NW	14/27 NW	9/22 W	7/18 W	4/14 SW
Valley	3/9 W	3/10 NW	3/12 NW	9/19 NW	14/27 NW	14/28 NW	7/20 W	3/9 NW	3/12 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/4	6/2	5/1	6/1	7/2	7/3	6/2	5/2	6/2
300	8/7	7/6	7/5	9/6	10/7	10/7	8/5	7/5	6/5
Valley	9/8	8/7	8/7	10/8	12/9	12/9	9/8	8/7	8/7
Freezing Level*	1400m	1300m	1300m	1200m	1200m	1300m	1300m	1300m	1400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Sub-zero feels like temperatures.

Recent rainfall: measured at Malham: altitude 375m

Recorded at
14:00 on Mon 27 Sep 2021

Last 24 hours:
11.2mm

Last 48 hours:
11.6mm

Last 72 hours:
12.2mm

Forecast for Thursday 30 Sep 2021

Weather: Occasionally heavy rain spreading east overnight clearing to sunny spells and showers soon after sunrise. The showers, heavy and perhaps thundery, may merge to give some longer spells of heavy rain in the afternoon and, more especially, evening.

Maximum wind: Southerly winds 25-35mph, with gusts around 45mph over ridges and summits, through the early hours will turn more southwesterly soon after dawn and gradually ease 15-20mph through the afternoon.

Chance of cloud free mountain/hill tops above 600m: Generally 20%, perhaps briefly around 60% during the afternoon.

Visibility: Cloud persistent above about 400m at first and again later in the west, otherwise cloud more occasional above about 600m. Otherwise visibility, very good falling to several kilometres in rain and showers.

Temperature: **Valleys:** Plus 8 Celsius rising to plus 15 Celsius.
At 600m: Plus 7 Celsius rising to plus 13 Celsius.
Freezing level: Above summits.